

## DAFTAR PUSTAKA

- Anonim. 1995. *Erdas Field Guide*. 3/ed. Erdas Inc., Atlanta.
- \_\_\_\_\_. 1995. *Erdas Graphical Models Reference Guide*. Erdas Inc., Atlanta.
- \_\_\_\_\_. 1995. *Erdas Imagine Production Tour Guides - Erdas Imagine Ver.8.2*. Erdas Inc., Atlanta
- \_\_\_\_\_. 1995. *Surfer Version 6.01 Manual - Surface Mapping System*. Golden Software Inc., Golden - Colorado.
- \_\_\_\_\_. 1996. *Arc View GIS Manual*. Environmental System Research Institute, Inc., Redlands, CA.
- \_\_\_\_\_. 1996. *Secchi Disk. Operating Instructions*. #15020. The Science Source. Waldoboro, Maine.
- \_\_\_\_\_. 1997. *Delphi 3 Profesional*. Borland International, Inc., Scotts Valley, CA.
- \_\_\_\_\_. 1997. *Metode Harmonik Admiralty 15 Hari dan 29 Hari*. Laboratorium Oseanografi. Jurusan Geofisika dan Meteorologi. Institut Teknologi Bandung, Bandung.
- \_\_\_\_\_. 1998. *Total Suspended Solids and Water Quality*. <http://water.nr.state.ky.us/ww/ramp/rmtss.htm>.
- \_\_\_\_\_. 1998. *Turbidity Protocol*. The Kansas Collaborative Research Network. <http://busboy.sped.ukans.edu/~kancrn/stream/chemical/turbproto.shtml>.
- Anthes, R.A. 1997. *Meteorology*. 7/ed. Prentice Hall, Inc., New Jersey.
- Applied Oceanographics, Inc. 1970. Oceanographic and Estuarine Investigations for an Ore Loading Facility at Cape Steenboom, West Irian. *Report* prepared for J.H. Pomeroy and Company, San Fransisco.
- Baban, S.M.J. 1993. The evaluation of different algorithms for bathymetric charting of lakes using Landsat imagery. *International Journal of Remote Sensing*. Vol 14, No 12, pp. 2263-2273.
- Bagheri, S., Stein, M., and R. Dios. 1998. Utility of hyperspectral data for bathymetric mapping in a turbid estuary. *International Journal of Remote Sensing*. Vol 19, No 6, pp. 1179-1188.
- BAPEDAL dan PPLH. 1993. *Metoda-metoda Prediksi Dampak Lingkungan dan Aplikasinya. Laporan Akhir*. Badan Pengendalian Dampak Lingkungan (BAPEDAL) dan Pusat Penelitian Lingkungan Hidup (PPLH) Universitas Gadjah Mada, Yogyakarta.
- Beer, T. 1997. *Environmental Oceanography*. 2/ed. CRC Press, Boca Raton, Florida.





UNIVERSITAS  
GADJAH MADA

Pemodelan citra digital perubahan lingkungan biogeofisik wilayah pesisir menggunakan citra Landsat

Thematic Mapper :: Suatu telaah analitik dan fisik lingkungan atas kegiatan pertambangan di Kabupaten Mimika, Propinsi Papua, Indonesia

PARYONO, Petrus, Promotor Prof. Dr. H. Sutikno

Universitas Gadjah Mada, 2003 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Bennet, A.J., and D.G. Troost. 2000. *Environment and development in coastal regions and in small islands*. Coastal Management Sourcebooks 3. <http://www.unesco.org/csi>.

Berry, J.K. 1995. *Spatial Reasoning for Effective GIS*. GIS World Book Inc., Colorado.

\_\_\_\_\_. 1997. Justifiable Interpolation. *GIS World*. Vol 10, No. 2, p. 34.

\_\_\_\_\_. 1997. *Justifiable Interpolation - The Rest of Story*. GIS World Wide Web Page. <http://www.geoplance.com/print/gw/1997/0197/0197supp.html>.

Bierwirth, P.N., Lee, T. and R.V. Burne. 1992. Shallow Sea-Floor Reflectance and Water Depth Derived by Unmixing Multispectral Imagery. *Paper*. Presented at the First Thematic Conference on Remote Sensing for Marine and Coastal Environments, New Orleans, Louisiana, 15-17 June 1992.

Byrnes, R. 2001. Landsat 4/5 Operations to End. *News Release*. U.S. Department of the Interior U.S. Geological Survey. USGS National Center Reston, VA. <http://www.usgs.gov>.

Chapra. S.C, and R.P. Canale. 1985. *Numerical Methods for Engineers – with Personal Computer Applications*. McGraw-Hill Book Company, Singapore.

Dahuri, R., Rais, J., Ginting, S.P., dan M.J. Sitepu. 1996. *Pengelolaan Sumberdaya Wilayah Pesisir Dan Lautan Secara Terpadu*. PT. Pradnya Paramita, Jakarta..

Davis, R.A. (editor). 1985. *Coastal Sedimentary Environments*. Second Revised, Expanded Edition. Springer-Verlag New York Inc., New York.

Deo, N. 1987. *Graph Theory with Applications to Engineering and Computer Science*. Prentice-Hall of India, New Delhi.

DPE. 1996. *Pedoman Teknis Penyusunan Analisis Mengenai Dampak Lingkungan untuk Kegiatan Pertambangan dan Energi*. Departemen Pertambangan dan Energi (DPE) Republik Indonesia, Jakarta.

Forster, B., Baide, X., and S. Xingwai. 1994. Modelling suspended particle distribution in near coastal waters using satellite remotely-sensed data. *International Journal of Remote Sensing*. Vol 15, No 6, pp.1207-1219.

Freeport Indonesia, PT (PTFI). 1990. *Environmental Ocean Study of the Arafura Sea. Report*.

\_\_\_\_\_. 1990. *Environmental River Study. Report*.

\_\_\_\_\_. 1994. *Studi Evaluasi Lingkungan Kegiatan Pertambangan Tembaga PT Freeport Indonesia Company - Irian Jaya, Indonesia*.

\_\_\_\_\_. 1995. *Rencana Pengelolaan Lingkungan (RKL) dan Rencana Pemantauan Lingkungan (RPL) Kegiatan Pertambangan Tembaga PT Freeport Indonesia Company - Irian Jaya, Indonesia*.

- \_\_\_\_\_. 1996. Laporan Pelaksanaan Pengelolaan dan Pemantauan Lingkungan - Triwulan 1 Tahun 1996 - Jakarta, Indonesia.
- \_\_\_\_\_. 1997. Laporan Pelaksanaan Pengelolaan dan Pemantauan Lingkungan - Triwulan 4 Tahun 1996 - Jakarta, Indonesia.
- \_\_\_\_\_. 1997. Laporan Pelaksanaan Pengelolaan dan Pemantauan Lingkungan - Triwulan 1 Tahun 1997 - Jakarta, Indonesia.
- Fugro-McClelland Marine Geosciences, Inc. 1998. Prediction of Physical Location of Mine Tailings in the Ajkwa Estuary and Arafura Sea from Oceanographic Studies and Sediment Investigations – Irian Jaya, Indonesia. Vol 1: Integration Report and Geophysical Survey Results. *Report prepared for PT. Freeport Indonesia Co.*
- Gao, J. and S.M. O’Leary. 1997. Estimation of suspended solids from aerial photographs in a GIS. *International Journal of Remote Sensing*. Vol 18, No 10, pp. 2073-2086.
- George, D.G. 1997. Bathymetric mapping using a Compact Airborne Spectrographic Imager (CASI). *International Journal of Remote Sensing*. Vol 18, No 10, pp. 2067-2071.
- Gupta, R.S. 1989. *Hydrology and Hydraulic Systems*. Prentice-Hall, Inc., New Jersey.
- Hidro-Oseanografi, Dinas. 1995. Daftar Pasang Surut Kepulauan Indonesia Tahun 1995.
- \_\_\_\_\_. 1996. Daftar Pasang Surut Kepulauan Indonesia Tahun 1996.
- \_\_\_\_\_. 1997. Daftar Pasang Surut Kepulauan Indonesia Tahun 1997.
- \_\_\_\_\_. 1998. Daftar Pasang Surut Kepulauan Indonesia Tahun 1998.
- \_\_\_\_\_. 1999. Daftar Pasang Surut Kepulauan Indonesia Tahun 1999.
- \_\_\_\_\_. 2000. Daftar Pasang Surut Kepulauan Indonesia Tahun 2000.
- Hengel, W. Van and D. Spitzer. 1991. Multitemporal water depth mapping by means of Landsat TM. *International Journal of Remote Sensing*. Vol 12, No 4, pp. 703-712.
- Hortle, K.G., Suprihatin, J., Haris, A., Takege, S., Lala, D., Paryono, P., Apte, S., Brockbank, C., Kailola, P., and R. Hanley. 1997. Ocean survey – Freeport Contract of Work Area, Irian Jaya – Indonesia – February 1997. *Report prepared for PT Freeport Indonesia Co.*

- Ibrahim, M. and A.P. Cracknell. 1990. Bathymetry using Landsat MSS data of Penang Island in Malaysia. *International Journal of Remote Sensing*. Vol 11, No 4, pp. 557-559.
- Isaaks, E.H. and R.M. Srivastava. 1989. *An Introduction to Applied Geostatistics*. Oxford University Press, Inc., New York.
- Knox, G.A., and T. Miyabara. 1984. *Coastal Zone Resource Development and Concervation in Southeast Asia*. United Nations Educational, Scientific and Cultural Organization, Jakarta.
- Laba, M., Smith, S.D., and S.D. Degloria. 1997. Landsat-based land cover mapping in the lower Yuna River watershed in the Dominican Republic. *International Journal of Remote Sensing*. Vol 18, No 14, pp. 3011-3025.
- Lambin, E.F. 1996. Change Detection at Multiple Temporal Scales: Seasonal and Annual Variations in Landscape Variables. *Photogrammetric Engineering & Remote Sensing*, Vol 62, No 8, pp. 931-938.
- Lambin, E.F., and A.H. Strahler. 1994. Indicators of land-cover change for change vector analysis in multitemporal space at coarse spatial scales. *International Journal of Remote Sensing*. Vol 15, No 10, pp. 2099-2119.
- Laurer, D.T., Morain, S.A., dan V.V. Salomonson. 1997. The Landsat Program: Its Origins, Evolution, and Impacts. *Photogrammetric Engineering & Remote Sensing*. Vol 63, No 7, pp. 831-838.
- Lee, K.S., Kim, T.H., Yun, Y.S., and S.M. Shin. 2001. Spectral Characteristics of Shallow Turbid Water near the Shoreline on Inter-tidal Flat. *Korean Journal of Remote Sensing*. Vol 17, No 2, pp. 131-139.
- Lira, J., Morales, A., dan F. Zamora. 1997. Study of Sediment Distribution in The Area of The Pánuco River Plume by Means of Remote Sensing. *International Journal of Remote Sensing*. Vol 18, No 1, pp. 171-182.
- LMNO Engineering, Research, and Software, Ltd. 2003. <http://www.lmnoeng.com>.
- Mealy, G.A. 1996. *Grasberg*. Freeport-McMoran Copper & Gold Inc., New Orleans.
- Michalek, J.L., Wagner, T.W., Luczkovich, J.J., and R.W. Stoffle. 1993. Multispectral Change Vector Analysis for Monitoring Coastal Marine Environments. *Photogrammetric Engineering & Remote Sensing*. Vol 59, No 3, pp. 381-384.
- Mika, A.M. 1997. Three Decades of Landsat Instruments. *Photogrammetric Engineering & Remote Sensing*. Vol 63, No 7, pp. 839-852.
- Morain, S and A. Budge. 1996. Remote Sensing Clarifies Water Quality. *GIS World*. Vol 9, No. 10, pp. 34-36.

- Muin, M. 1997. Modeling of Impact of Proposed Tailings Management Strategies on Ajkwa Estuary and Immediate Surrounds in Arafura Sea. *Final Report*. Lembaga Afiliasi Penelitian dan Industri, Institut Teknologi Bandung, Bandung.
- Nanu, L. and C. Robertson. 1990. Estimating suspended concentrations from spectral reflectance data. *International Journal of Remote Sensing*. Vol 11, No 5, pp. 913-920.
- Paryono, P. 1994. *Sistem Informasi Geografis*. Penerbit Andi, Yogyakarta.
- Pethic, J. 1984. *An Introduction to Coastal Geomorphology*. Edward Arnold Ltd., London.
- Purwadhi, F.S.H. 2001. *Interpretasi Citra Digital*. Penerbit PT Grasindo, Jakarta.
- Reddy, M.A. 1993. Remote sensing for mapping of suspended sediments in Krishna Bay Estuary, Andhra Pradesh, India. *International Journal of Remote Sensing*. Vol 14, No 11, pp. 2215-2221.
- Rees, W.G. and M. Williams. 1997. Monitoring changes in land cover induced by atmospheric pollution in the Kola Peninsula, Russia, using Landsat-MSS data. *International Journal of Remote Sensing*. Vol 18, No 8, pp. 1703-1723.
- Rust, M. and K. McArthur. 1997. Secchi Disk Transparency. *Environmental Sampling & Monitoring Primer*. <http://cesun1.ce.vt.edu/enviro/smprimer/secchi/secchi.html>.
- Schowengerdt, R.A. 1983. *Techniques for Image Processing and Classification in Remote Sensing*. Academic Press, Inc., Orlando.
- Soemarwoto, O. 1997. *Analisis Mengenai Dampak Lingkungan*. (Cetakan ke 9 - 2001). Gadjah Mada University Press, Yogyakarta.
- Spiegel, M.R. 1981. *Statistics – Theory and Problems of*. SI (metric) Edition. Schaum's Outline Series. McGraw-Hill Book Company, Singapore.
- Steyaert, L.T. 1993. A Perspective on the State of Environmental Simulation Modeling. *Environmental Modeling with GIS*. Goodchild, Park, Steyaert. Oxford University Press, New York.
- Sunar, F. 1998. An Analysis of changes in a multi-date data set: a case study in the Ikitelli area, Istanbul, Turkey. *International Journal of Remote Sensing*. Vol 19, No 2, pp. 225-235.
- Sutanto. 1987. *Penginderaan Jauh*. Jilid 2. Gadjah Mada University Press, Yogyakarta.
- Tassan, S. 1993. An improved in-water algorithm for the determination of chlorophyll and suspended concentration from Thematic Mapper data in coastal waters. *International Journal of Remote Sensing*. Vol 14, No 6, pp. 1221-1229.
- Tomascik, T., Nontji, M.A.J., and M.K. Moosa. 1997. *The ecology of the Indonesian seas*. Periplus Editions, Hong Kong.



Pemodelan citra digital perubahan lingkungan biogeofisik wilayah pesisir menggunakan citra Landsat

Thematic Mapper :: Suatu telaah analitik dan fisik lingkungan atas kegiatan pertambangan di Kabupaten Mimika, Propinsi Papua, Indonesia

PARYONO, Petrus, Promotor Prof.Dr. H. Sutikno

Universitas Gadjah Mada, 2003 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Verbyla, D.L. 1995. *Satellite Remote Sensing of Natural Resources*. Lewis Publishers, Florida.

Viles, H, and T. Spencer. 1995. *Coastal Problems - Geomorphology, ecology and society at the coast*. Edward Arnold, London.

Wilson, E.M. 1993. *Hidrologi Teknik*. Edisi Keempat. Penerbit ITB, Bandung.

Wilson, R.J. 1985. *Introduction to Graph Theory*. Third Edition. Longman Scientific & Technical, New York.

Wilson, R.J. and J. Watkins. 1990. *Graphs – An Introductory Approach*. John Wiley & Sons, Inc., Singapore.

Wiemker, R., Speck, A., Kulbach, D., Spitzer, H., and J. Bienlein. 1997. Unsupervised Robust Change Detection on Multispectral Imagery Using Spectral and Spatial Features. *Paper*. Presented at the Third International Airborne Remote Sensing Conference and Exhibition, 7-10 July 1997, Copenhagen, Denmark.

Xia, L. 1993. A united model for quantitative remote sensing of suspended sediment concentration. *International Journal of Remote Sensing*. Vol 14, No 14, pp. 2665-2676.